

APPENDIX G

NATURAL RESOURCES CONSERVATION SERVICE

COORDINATION

ARKANSAS STATE HIGHWAY
AND
TRANSPORTATION DEPARTMENT

Dan Flowers
Director
Phone (501) 569-2000 Fax (501) 569-2400



P.O. Box 2261
Little Rock, Arkansas 72203-2261
WWW.ARKANSASHIGHWAYS.COM

January 26, 2004

Mr. Glen D. Laurent
Resource Soil Scientist
2898 Point Circle #2
Fayetteville, Arkansas 72704

Re: AHTD Job Number 001966
Springdale Northern Bypass (Hwy. 412)
Benton and Washington Counties

Dear Mr. Laurent:

The Federal Highway Administration and Arkansas State Highway and Transportation Department are preparing a Supplemental Draft Environmental Impact Statement (SDEIS) for the referenced project. Although the Draft Environmental Impact Statement was signed January 2002, comments submitted by citizens at the Location Public Hearing have prompted us to investigate an additional alignment. The scope of the SDEIS is limited to Segments B-E of the project.

Four alignments are being compared through Segments B-E. A Preferred Alignment has been established on the western end of the project through Segment A-B, and the eastern end of the project through Segment E-F. These two preferred segments are being utilized with each of the four alignments being compared in the SDEIS. Conceptual design for the I-540 interchanges has also been revised, resulting in a relocation of the I-540/Wagon Wheel interchange for Lines 2, 3, and 4. Small maps illustrating all of the alignments and the proposed interchange modifications are enclosed.

The following method was used to determine the acres of prime farmland and farmland of statewide importance that could be impacted by each alignment:

- 1) Soil map sheets from the United States Department of Agriculture Soil Survey for Benton and Washington Counties (issued January 1977 and March 1969) were electronically scanned.

Mr. Glen D. Laurent
AHTD Job Number 001966
Page 2

- 2) Soil types that met Prime Farmland and Farmland of Statewide Importance criteria were digitized into an electronic database.
- 3) Estimated right of way for the alignments under study and the city limit boundaries were superimposed on the digitized soil data. The preferred segments A-B and E-F and Segments B-E for each proposed line were analyzed for Prime Farmland and Farmland of Statewide Importance. Soils falling inside city limits and the existing I-540 right of way were not included in the analysis.
- 4) This process resulted in the soils impacts analysis for prime farmland and farmland of statewide importance. This information is tabulated separately for the Preferred Segments A-B and E-F, and Segments B-E of Lines 2, 3, 4, and 5 and is enclosed in this letter.

A large map is enclosed for each of the alignments under consideration showing the farmland soils impact analysis. If you agree with the Department's estimated impacts for this project, please sign the enclosed form NRCS-CPA-106, the Farmland Conversion Impact Rating form. This form has been completed with the information pertaining to each segment of the project as described in (4) above. If you have any questions, please contact John Baber of my staff at (501) 569-2281.

Sincerely,



Marion Butler
Division Head
Environmental Division

Enclosures:

- (1) map - proposed project
- (3) maps - I-540 Interchange conceptual designs
- 4 maps - farmland soil impacts of Lines 2, 3, 4, 5
- Farmland Soils Impacts Analysis Table
- Form NRCS-CPA-106

MB:JB:dfs

Farmland Soils Impacts Analysis Table		
	Prime Farmland	Farmland of Statewide Importance
Preferred Segment A-B	16 acres (6 hectares)	2 acres (1 hectare)
Preferred Segment E-F	10 acres (4 hectares)	0 acre (0 hectare)
Line 2 Segments B-E	50 acres (20 hectares)	79 acres (32 hectares)
Line 3 Segments B-E	98 acres (40 hectares)	77 acres (31 hectares)
Line 4 Segments B-E	76 acres (31 hectares)	78 acres (32 hectares)
Line 5 Segments B-E	86 acres (35 hectares)	75 acres (30 hectares)

U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
(Rev. 1-91)

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency) 001966		3. Date of Land Evaluation Request 1/23/04 Sheet 1 of 1	
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved FHWA NRCS	
2. Type of Project New Highway		6. County and State Benton Washington	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input type="checkbox"/> NO <input type="checkbox"/>			4. Acres Irrigated Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %		7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor 2	Corridor 3	Corridor 4	Corridor 5
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	0	0	0	0

PART IV (To be completed by NRCS) Land Evaluation Information	Corridor 2	Corridor 3	Corridor 4	Corridor 5
A. Total Acres Prime And Unique Farmland	50	48	76	85
B. Total Acres Statewide And Local Important Farmland	79	77	78	75
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points	Corridor 2	Corridor 3	Corridor 4	Corridor 5
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0	0	0

PART VII (To be completed by Federal Agency)	Corridor 2	Corridor 3	Corridor 4	Corridor 5
Relative Value Of Farmland (From Part V)	100			
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: John B. Baker DATE: 1/23/04
NOTE: Complete a form for each segment with more than one Alternate Corridor

ARKANSAS STATE HIGHWAY
AND
TRANSPORTATION DEPARTMENT

Dan Flowers
Director
Phone (501) 569-2000 Fax (501) 569-2400



P.O. Box 2261
Little Rock, Arkansas 72203-2261
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February 20, 2004

Mr. Glen D. Laurent
Resource Soil Scientist
National Resource Conservation Service
2898 Point Circle #2
Fayetteville, Arkansas 72704

Re: AHTD Job Number 001966
Springdale Northern Bypass (Hwy. 412)
Benton and Washington Counties

Dear Mr. Laurent:

Enclosed are the forms you requested along with a table of acreage conversion for the referenced project. If you have further questions, please contact John Baber of my staff at (501) 569-2281.

Sincerely,

Marion Butler
Division Head
Environmental Division

Enclosures

MB:JB:dfs

U.S. DEPARTMENT OF AGRICULTURE Natural Resources Conservation Service **FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS** NRCS-CPA-106 (Rev. 1-91)

PART I (To be completed by Federal Agency) 001966		3. Date of Land Evaluation Request 2/13/04 Sheet 1 of	
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved FHWA - NRCS	
2. Type of Project New Highway		6. County and State Benton Ar	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated Average Farm Size	
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %		7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A-B	Corridor E-F	Corridor C	Corridor D
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	0	0	0	0

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland				
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points	Corridor A-B	Corridor E-F	Corridor C	Corridor D
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0	0	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	0	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: _____ DATE _____

NOTE: Complete a form for each segment with more than one Alternate Corridor

U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
(Rev. 1-91)

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency) 001966		3. Date of Land Evaluation Request 2/13/04 Sheet 1 of 1	
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved FHWA - NRCS	
2. Type of Project New Highway		6. County and State Washington Ar	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form).		4. Acres Irrigated Average Farm Size	
YES <input type="checkbox"/> NO <input type="checkbox"/>			
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %	
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor B-D	Corridor E-F	Corridor	Corridor
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	0	0	0	0

PART IV (To be completed by NRCS) Land Evaluation Information

A. Total Acres Prime And Unique Farmland	
B. Total Acres Statewide And Local Important Farmland	
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0	0	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	0	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
5. Reason For Selection:			

Signature of Person Completing this Part: _____ DATE _____

NOTE: Complete a form for each segment with more than one Alternate Corridor

U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
(Rev. 1-91)

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency) 001966		3. Date of Land Evaluation Request 2/13/04 Sheet 1 of	
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved FHWA - NRCS	
2. Type of Project New Highway		6. County and State Washington Ar	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated Average Farm Size	
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %	
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor 2	Corridor 3	Corridor 4	Corridor 5
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	0	0	0	0

PART IV (To be completed by NRCS) Land Evaluation Information

A. Total Acres Prime And Unique Farmland	
B. Total Acres Statewide And Local Important Farmland	
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0	0	0

PART VII (To be completed by Federal Agency)

Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	0	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: _____ DATE _____

NOTE: Complete a form for each segment with more than one Alternate Corridor

Farmland Impacts by Segments			
	Total Acreage of Segment (hectares)	Acreage of Prime Farmland (hectares)	Acreage of Farmland of S.I. (hectares)
Line 2 B-E	597 (242)	50 (20)	79 (32)
Line 3 B-E	654 (265)	98 (40)	77 (31)
Line 4 B-E	685 (277)	76 (31)	78 (32)
Line 5 B-E	622 (252)	86 (35)	75 (30)
Segment A-B*	366 (148)	16 (6)	2 (1)
Segment E-F*	236 (96)	10 (4)	0 (0)

Farmland Impacts by Line Totals			
	Total Acreage of Line (hectares)	Acreage of Prime Farmland (hectares)	Acreage of Farmland of S.I. (hectares)
Line 2	1199 (485)	76 (31)	81 (33)
Line 3	1256 (508)	124 (50)	79 (32)
Line 4	1287 (521)	102 (41)	80 (32)
Line 5	1224 (495)	112 (45)	77 (31)

United States Department of Agriculture



Natural Resources Conservation Service
2898 Point Circle #2
Fayetteville, AR 72704-6809

April 30, 2004

Mr. Marion Butler
Division Head, Environmental Division
Arkansas State Highway and Transportation Department
P.O. Box 2261
Little Rock, AR 72203-2261

RE: AHTD Job Number 001966
Springdale Northern Bypass (Hwy. 412)
Benton and Washington Counties

Dear Mr. Butler:

Enclosed are the NRCS-CPA-106 forms for the Springdale Northern Bypass.

If there are any questions, please call.

Sincerely

A handwritten signature in cursive script that reads "Glen D. Laurent".

Glen D. Laurent
Resource Soil Scientist

cc: Rhonda Foster, District Conservationist, Fayetteville
Steven Davied, District Conservationist, Bentonville

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer

U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
(Rev. 1-91)

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)		001966	3. Date of Land Evaluation Request	2/1/04	4. Sheet 1 of _____
1. Name of Project		Springdale Northern Bypass	5. Federal Agency Involved		
2. Type of Project		New Highway	6. County and State		
PART II (To be completed by NRCS)		1. Date Request Received by NRCS		2. Person Completing Form	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form.)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Name: Allen D. Laurent	
5. Major Crop(s)		8. Farmable Land in Government Jurisdiction		4. Acres Irrigated	
Fescue, Bermuda, Beef Cattle		Acres: 361400 % 66		Average Farm Size: 128	
8. Name Of Land Evaluation System Used		9. Name of Local Site Assessment System		7. Amount of Farmland As Defined in FPPA	
LE-NRCS				Acres: 200210 % 37	
				10. Date Land Evaluation Returned by NRCS	
				5/6/04	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor 2	Corridor 3	Corridor 4	Corridor 5
A. Total Acres To Be Converted Directly	597	654	685	622
B. Total Acres To Be Converted Indirectly, Or To Receive Services	0	0	0	0
C. Total Acres In Corridor	597	654	685	622

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	58	97	86	78
B. Total Acres Statewide And Local Important Farmland	78	86	80	84
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	0.06	0.09	0.08	0.07
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	37	37	37	37

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative Value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)				
	61	67	66	66

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))		Maximum Points			
1. Area In Nonurban Use	15	5	5	5	5
2. Perimeter in Nonurban Use	10	2	2	2	2
3. Percent Of Corridor Being Farmed	20	5	5	5	5
4. Protection Provided By State And Local Government	20	0	0	0	0
5. Size of Present Farm Unit Compared To Average	10	2	2	2	2
6. Creation Of Nonfarmable Farmland	25	0	0	0	0
7. Availability Of Farm Support Services	5	5	5	5	5
8. On-Farm Investments	20	5	5	5	5
9. Effects Of Conversion On Farm Support Services	25	0	0	0	0
10. Compatibility With Existing Agricultural Use	10	0	0	0	0
TOTAL CORRIDOR ASSESSMENT POINTS	160	0 24	0 24	0 24	0 24

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	61	67	66	66
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0 24	0 24	0 24	0 24
TOTAL POINTS (Total of above 2 lines)	260	0 85	0 85	0 85	0 85

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
5. Reason For Selection:			

Signature of Person Completing this Part: Allen D. Laurent Date: 5/7/04
NOTE: Complete a form for each segment with more than one Alternate Corridor

U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
(Rev. 1-91)

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency) **001966** 3. Date of Land Evaluation Request **2/11/04** 4. Sheet 1 of _____

1. Name of Project **Springdale Northern Bypass** 5. Federal Agency Involved **FHWA-NRCS**

2. Type of Project **New Highway** 6. County and State **Benton, Arkansas**

PART II (To be completed by NRCS)

1. Date Request Received by NRCS **2/24/04** 2. Person Completing Form **Allen D. Laurent**

3. Does the corridor contain prime, unique statewide, or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES NO 4. Acres Irrigated **128** Average Farm Size _____

5. Major Crop(s) **Fescue, Bermuda, Beef Cattle** 6. Farmable Land in Government Jurisdiction Acres: **361400** % **68** 7. Amount of Farmland As Defined in FPPA Acres: **200210** % **68**

8. Name Of Land Evaluation System Used **LE-NRCS** 9. Name of Local Site Assessment System _____ 10. Date Land Evaluation Returned by NRCS **5/8/04**

PART III (To be completed by Federal Agency)	Alternative Corridor or Segment			
	Corridor A-B	Corridor C	Corridor D	Corridor E
A. Total Acres To Be Converted Directly	144	11		
B. Total Acres To Be Converted Indirectly, Or To Receive Services	0	0		
C. Total Acres In Corridor	144	11	0	0

PART IV (To be completed by NRCS) Land Evaluation Information

A. Total Acres Prime And Unique Farmland	0	0
B. Total Acres Statewide And Local Important Farmland	12	0.187
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	0.006	0.001
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	37	37

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative Value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

	49	37
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PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))

	Maximum Points	Corridor A-B	Corridor C	Corridor D	Corridor E
1. Area in Nonurban Use	15	10	15		
2. Perimeter in Nonurban Use	10	5	10		
3. Percent Of Corridor Being Farmed	20	5	15		
4. Protection Provided By State And Local Government	20	0	0		
5. Size of Present Farm Unit Compared To Average	10	2	10		
6. Creation Of Nonfarmable Farmland	25	0	0		
7. Availability Of Farm Support Services	5	5	5		
8. On-Farm Investments	20	5	5		
9. Effects Of Conversion On Farm Support Services	25	0	0		
10. Compatibility With Existing Agricultural Use	10	0	0		
TOTAL CORRIDOR ASSESSMENT POINTS	160	0 32	0 60	0	0

PART VII (To be completed by Federal Agency)

Relative Value Of Farmland (From Part V)	100	49	37		
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0 32	0 60	0	0
TOTAL POINTS (Total of above 2 lines)	260	0 81	0 97	0	0

1. Corridor Selected: _____ 2. Total Acres of Farmlands to be Converted by Project: _____ 3. Date Of Selection: _____ 4. Was A Local Site Assessment Used? YES NO

5. Reason For Selection: _____

Signature of Person Completing this Part: *Allen D. Laurent* DATE: *5/7/04*

NOTE: Complete a form for each segment with more than one Alternate Corridor

U.S. DEPARTMENT OF AGRICULTURE Natural Resources Conservation Service		FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS		NRCS-CPA-106 (Rev. 1-91)	
PART I (To be completed by Federal Agency) 001966		3. Date of Land Evaluation Request 2/11/04		4. Sheet 1 of _____	
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved FHWA-NRCS			
2. Type of Project New Highway		6. County and State Washington, A Kansas			
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 2/24/04		2. Person Completing Form Stien D. Laurent	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated 139		Average Farm Size	
5. Major Crop(s) Fescue, Bermuda, Beef Cattle		6. Farmable Land in Government Jurisdiction Acres: 269158 % 33		7. Amount of Farmland As Defined in FPPA Acres: 200091 % 33	
8. Name of Land Evaluation System Used LE-NRCS		9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS 5/6/04	
PART III (To be completed by Federal Agency)		Alternative Corridor or Segment			
		Corridor A-B	Corridor C	Corridor D	Corridor E
A. Total Acres To Be Converted Directly		277	227		
B. Total Acres To Be Converted Indirectly, Or To Receive Services		0	0		
C. Total Acres In Corridor		277	227	0	0
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		17	11		
B. Total Acres Statewide And Local Important Farmland		0	0		
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0.008	0.005		
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		33	33		
PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)		34	23		
PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))		Maximum Points			
1. Area in Nonurban Use		15	10	15	
2. Perimeter In Nonurban Use		10	5	10	
3. Percent Of Corridor Being Farmed		20	5	15	
4. Protection Provided By State And Local Government		20	0	0	
5. Size of Present Farm Unit Compared To Average		10	2	10	
6. Creation Of Nonfarmable Farmland		25	0	0	
7. Availability Of Farm Support Services		5	5	5	
8. On-Farm Investments		20	5	5	
9. Effects Of Conversion On Farm Support Services		25	0	0	
10. Compatibility With Existing Agricultural Use		10	0	0	
TOTAL CORRIDOR ASSESSMENT POINTS		160	0 32	0 60	0 0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	34	23	
Total Corridor Assessment (From Part VI above or a local site assessment)		160	0 32	0 60	0 0
TOTAL POINTS (Total of above 2 lines)		260	0 66	0 83	0 0
1. Corridor Selected:		2. Total Acres of Farmlands to be Converted by Project:		3. Date Of Selection:	
				4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>	
5. Reason For Selection:					
Signature of Person Completing this Part: <i>Stien D. Laurent</i> DATE 5/7/04					
NOTE: Complete a form for each segment with more than one Alternate Corridor					

NRCS-CPA-106 (Reverse)

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

- (1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
 - More than 90 percent - 15 points
 - 90 to 20 percent - 14 to 1 point(s)
 - Less than 20 percent - 0 points
- (2) How much of the perimeter of the site borders on land in nonurban use?
 - More than 90 percent - 10 points
 - 90 to 20 percent - 9 to 1 point(s)
 - Less than 20 percent - 0 points
- (3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
 - More than 90 percent - 20 points
 - 90 to 20 percent - 19 to 1 point(s)
 - Less than 20 percent - 0 points
- (4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
 - Site is protected - 20 points
 - Site is not protected - 0 points
- (5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with \$1,000 or more in sales.)
 - As large or larger - 10 points
 - Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points
- (6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
 - Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
 - Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
 - Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points
- (7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
 - All required services are available - 5 points
 - Some required services are available - 4 to 1 point(s)
 - No required services are available - 0 points
- (8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
 - High amount of on-farm investment - 20 points
 - Moderate amount of on-farm investment - 19 to 1 point(s)
 - No on-farm investment - 0 points
- (9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
 - Substantial reduction in demand for support services if the site is converted - 25 points
 - Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
 - No significant reduction in demand for support services if the site is converted - 0 points
- (10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
 - Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
 - Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
 - Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

FEIS ANALYSIS

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U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-108
(Rev. 1-91)

FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request	4. Sheet 1 of _____		
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved USFWS, FHWA, Army CCE, EPA, DOI			
2. Type of Project New Location: 4 Lane Divided		6. County and State Benton, Arkansas			
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form Laurent		
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form).		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	4. Acres Irrigated Average Farm Size		
5. Major Crop(s) Fescue, Bermudagrass, Beef Cattle		6. Farmable Land in Government Jurisdiction Acres: 381,400 % 66.25		7. Amount of Farmland As Defined in FPPA Acres: 200,210 % 36	
8. Name Of Land Evaluation System Used LE-SCS		9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS 5/13/05	
PART III (To be completed by Federal Agency)		Alternative Corridor For Segment			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		759			
B. Total Acres To Be Converted Indirectly, Or To Receive Services					
C. Total Acres In Corridor		759	0	0	0
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		92			
B. Total Acres Statewide And Local Important Farmland		66			
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted		0.47			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		66			
PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)		31			
PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))		Maximum Points			
1. Area in Nonurban Use		15			
2. Perimeter In Nonurban Use		7			
3. Percent Of Corridor Being Farmed		10			
4. Protection Provided By State And Local Government		0			
5. Size of Present Farm Unit Compared To Average		10			
6. Creation Of Nonfarmable Farmland		5			
7. Availability Of Farm Support Services		15			
8. On-Farm Investments		0			
9. Effects Of Conversion On Farm Support Services		10			
10. Compatibility With Existing Agricultural Use		10			
TOTAL CORRIDOR ASSESSMENT POINTS		160	0	62	0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100			
Total Corridor Assessment (From Part VI above or a local site assessment)		180	0	62	0
TOTAL POINTS (Total of above 2 lines)		280	0	93	0
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?		
Alternative 5	158		YES <input type="checkbox"/> NO <input type="checkbox"/>		
5. Reason For Selection:					

Signature of Person Completing this Part:

NOTE: Complete a form for each segment with more than one Alternate Corridor

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U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
(Rev. 1-01)

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request	4. Sheet 1 of _____
1. Name of Project Springdale Northern Bypass		5. Federal Agency Involved USFWS, FHWA, Army CCJE, EPA, DOI	
2. Type of Project New Location: 4 Lane Divided		6. County and State Washington, Arkansas	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form Laurent
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form).		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	4. Acres irrigated / Average Farm Size
5. Major Crop(s) Fescue, Bermudagrass, Beef Cattle	6. Farmable Land in Government Jurisdiction Acres: 269,158 % 44	7. Amount of Farmland As Defined in FPPA Acres: 200.091 % 33	
8. Name Of Land Evaluation System Used LE-SCS	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS 5/13/05	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	449			
B. Total Acres To Be Converted Indirectly, Or To Receive Services	0			
C. Total Acres In Corridor	449	0	0	0

PART IV (To be completed by NRCS) Land Evaluation Information	
A. Total Acres Prime And Unique Farmland	28
B. Total Acres Statewide And Local Important Farmland	0
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	0.01
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	44

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 858.5(c))	Maximum Points				
1. Area In Nonurban Use	15	7			
2. Perimeter In Nonurban Use	10	5			
3. Percent Of Corridor Being Farmed	20	10			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	5			
6. Creation Of Nonfarmable Farmland	25	10			
7. Availability Of Farm Support Services	5	5			
8. On-Farm Investments	20	15			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	5			
TOTAL CORRIDOR ASSESSMENT POINTS	160	0 62	0	0	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	19			
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0 62	0	0	0
TOTAL POINTS (Total of above 2 lines)	260	0 81	0	0	0

1. Corridor Selected: Alternative 3	2. Total Acres of Farmlands to be Converted by Project: 28 prime	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: John Beh DATE: 5/17/05

NOTE: Complete a form for each segment with more than one Alternate Corridor